

Converting Colors

HunterLab(55.1774, -1.0350,
21.0267)

Have a look what the booklet for
HunterLab(55.1774, -1.0350,
21.0267) contains.

HunterLab(55.1774, -1.0350, 21.0267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.1774, -1.0350,
21.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9364
RGB	171, 147, 100
RGB Percent	67%, 58%, 39%
CMY	0.3294, 0.4235, 0.6078
CMYK	0.00, 0.14, 0.42, 0.33
HSL	40°, 30%, 53%
HSV	40°, 42%, 67%
XYZ	29.5285, 30.4455, 16.3768
YIQ	148.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

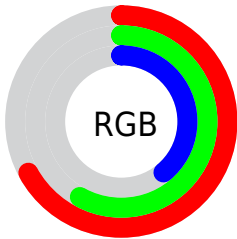
Format	Color
RYB	136, 171, 100
Decimal	11244388
CIELab	62.04, 2.27, 28.18
CIElCh	62, 28.276, 85.391
Yxy	30.4469, 0.3867, 0.3988
Android (android.graphics.Color)	4289434468 (0xFFAB9364)
YUV	148.8180, -24.0673, 19.4536
Hunter-Lab	55.1774, -1.0350, 21.0267

Details

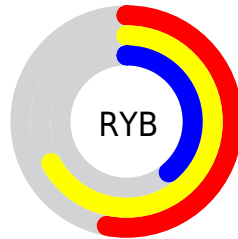
The HunterLab color $55.1774, -1.0350, 21.0267$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44.7931, 0.5692, -23.3860$, and the grayscale version is $54.8351, -2.9259, 2.9793$.

A 20% lighter version of the original color is $77.6779, -2.3079, 25.4769$, and $35.4672, -0.5130, 16.4148$ is the 20% darker color. If you saturate the color by 10%, you get $53.2890, 0.2340, 23.7575$, and if you desaturate by 10%, it is $57.1458, -2.0265, 17.6839$.

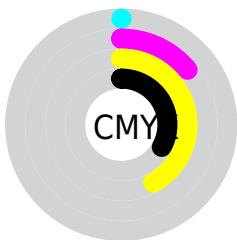
Distribution



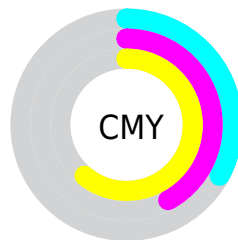
- Red (67%)
- Green (58%)
- Blue (39%)



- Red (53%)
- Yellow (67%)
- Blue (39%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1774, -1.0350, 21.0267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 55.1774, -1.0350, 21.0267 by changing the saturation by 10% instead.

■ 55.1774, -1.0350,
21.0267

■ 55.1774, -1.0350,
21.0267

174.3508, -6.5194,
39.2473

■ 44.9200, -0.6139,
18.7275

■ 77.6970, -2.0119,
25.3689

■ 35.3900, -0.2391,
16.3045

■ 89.8829, -2.5575,
27.4476

■ 26.6495, 0.0816,
13.7152

■ 102.6468, -3.1386,
29.4819

■ 18.7775, 0.3401,
10.9783

■ 115.9634, -3.7535,
31.4810

■ 11.8831, 0.5241,
8.3182

129.8107, -4.4003,
33.4519

■ 4.7498, 1.8310,
3.3249

144.1692, -5.0778,

0.0000, NaN, NaN

35.4003

0.0000, NaN, NaN

159.0211, -5.7845,
37.3309

0.0000, NaN, NaN

■ 55.1774, -1.0350,
21.0267

■ 55.1774, -1.0350,
21.0267

■ 53.2890, 0.2340,
23.7575

■ 57.1458, -2.0265,
17.6839

■ 51.4797, 1.7909,
25.8519

■ 59.1870, -2.7424,
13.7554

■ 49.7532, 3.6327,
27.2978

■ 61.2991, -3.1948,
9.2733

■ 48.1114, 5.7514,
28.0975

■ 63.4785, -3.3957,
4.2708

■ 46.5546, 8.1289,
28.2769

■ 65.7220, -3.3579,
-1.2190

■ 45.2928, 10.2887,
28.0893

■ 68.0264, -3.0945,
-7.1638

■ 70.3885, -2.6186,
-13.5323

■ 72.8055, -1.9433,
-20.2951

■ 75.2746, -1.0808,
-27.4247

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.1787, 11.1125, 18.4748



55.1774, -1.0350, 21.0267



55.1787, -12.7097, 19.6843

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1787, -1.0370, 21.0273



55.1787, -22.6967, -7.5201



55.1787, 17.8592, -11.3355

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.1774, -1.0350, 21.0267



44.7931, 0.5692, -23.3860

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1787, 7.5452, -21.3812



55.1774, -1.0350, 21.0267



55.1787, -15.7264, -18.8621

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1787, -1.0370, 21.0273



55.1787, -24.5628, 4.7780



55.1787, -4.8316, -24.3988



55.1787, 22.6121, 1.1680

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1774, -1.0350, 21.0267



55.1787, -18.7687, 16.5621



55.1787, -4.8316, -24.3988



55.1787, 14.8860, -15.2105

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.1787, -1.0370, 21.0273



81.8356, -4.2446, 12.8486



43.8742, 25.1107, 1.3228



38.4762, -1.9761, 6.4380



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1787, -1.0370, 21.0273



71.4723, 0.1937, 31.5867



61.2827, -15.6959, 25.8223



29.7780, -1.5716, 3.9592



39.4525, 8.6866, 24.4625



7.2712, 0.1825, 4.4837

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.7931, 0.5692, -23.3860



54.7272, 3.2699, -40.9750



39.2579, 15.0505, -33.7336



28.6062, -1.4402, -0.9538



21.3797, 18.6788, -67.0449



4.7963, 0.4769, -7.0243

Previews

White Background



This preview shows how the HunterLab color 55.1774, -1.0350, 21.0267 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.1774, -1.0350, 21.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

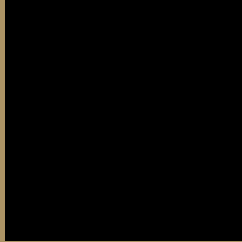
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.1774, -1.0350, 21.0267 Background



This preview shows how black text looks on a background with the HunterLab color 55.1774, -1.0350, 21.0267.



This preview shows how white text looks on a background with the HunterLab color 55.1774, -1.0350,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.1774, -1.0350, 21.0267

Protanopia

55.2619, -5.1049, 20.7534

Deuteranopia

55.3077, 3.7277, 20.9472



Tritanopia

55.2397, 10.0153, 2.7889

Trichromacy



Original Color

55.1774, -1.0350, 21.0267

Protanomaly

55.2643, -3.6186, 20.7815

Deuteranomaly

55.2607, 2.1548, 20.8795

Tritanomaly

55.0541, 5.6015, 10.5127

Monochromacy



Original Color

55.1774, -1.0350, 21.0267

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

54.7600, -2.6317, 10.4478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1774, -1.0350, 21.0267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 100)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1774, -1.0350, 21.0267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 147, 100) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 147, 100) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 147, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1774, -1.0350, 21.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 100) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
147, 100) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor